

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
 Data File : BP004052.D
 Acq On : 21 Nov 2020 23:12
 Operator : CG/JU
 Sample : L4856-02 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BG-SED-1-RE

Quant Time: Nov 23 05:02:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 03:48:44 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

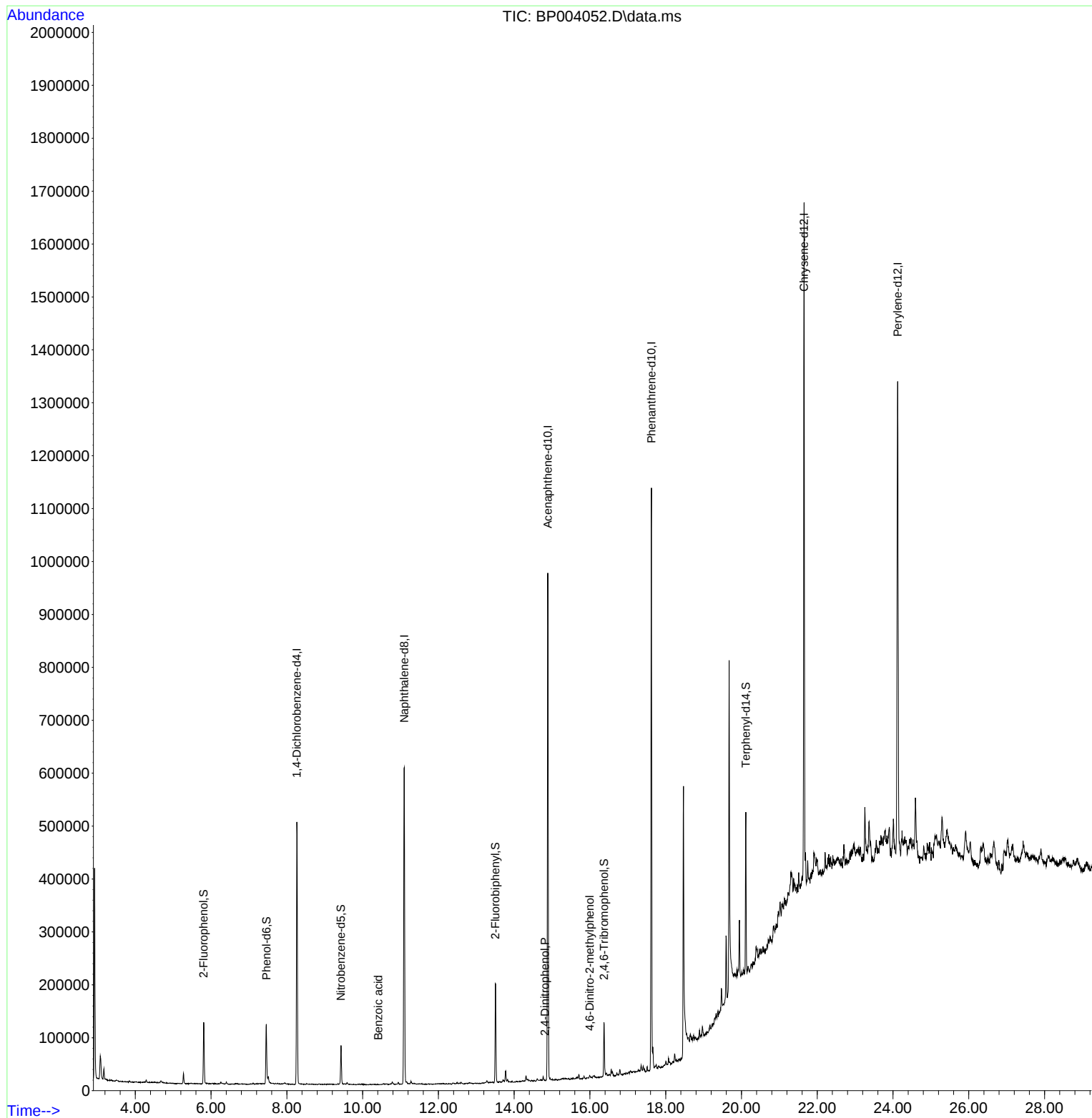
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	132175	20.00	ng	-0.03
21) Naphthalene-d8	11.099	136	497179	20.00	ng	#-0.03
39) Acenaphthene-d10	14.887	164	322403	20.00	ng	-0.02
64) Phenanthrene-d10	17.622	188	658982	20.00	ng	-0.01
76) Chrysene-d12	21.651	240	633036	20.00	ng	0.00
86) Perylene-d12	24.122	264	712316	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	50951	6.43	ng	0.00
7) Phenol-d6	7.458	99	64399	5.66	ng	0.00
23) Nitrobenzene-d5	9.428	82	41370	4.08	ng	-0.03
42) 2,4,6-Tribromophenol	16.375	330	20853	5.17	ng	-0.01
45) 2-Fluorobiphenyl	13.504	172	98148	4.26	ng	-0.03
79) Terphenyl-d14	20.116	244	126061	3.85	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.381	77	168	Below Cal	#	52
32) Benzoic acid	10.416	122	23	8.31	ng	# 1
54) 2,4-Dinitrophenol	14.810	184	40	2.75	ng	91
65) 4,6-Dinitro-2-methylph...	15.993	198	22	6.35	ng	# 1

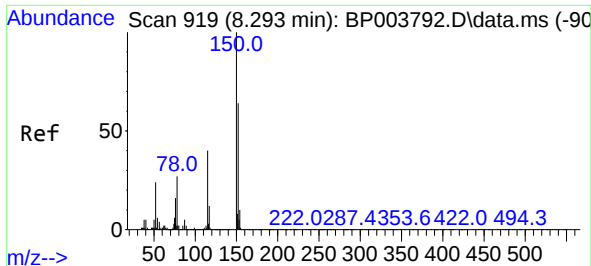
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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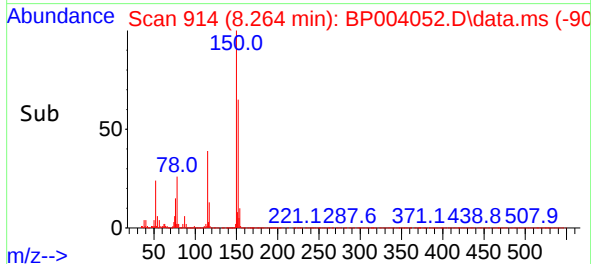
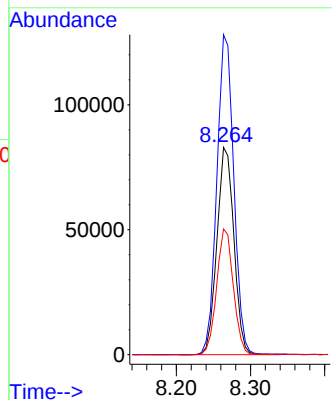
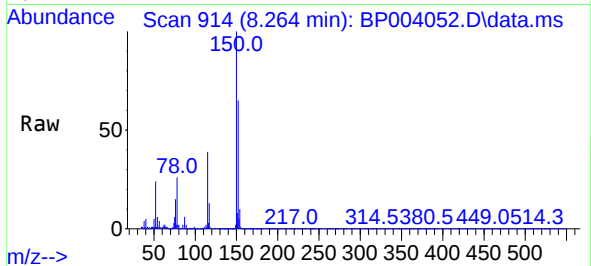




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.264 min Scan# 914
Delta R.T. -0.029 min
Lab File: BP004052.D
Acq: 21 Nov 2020 23:12

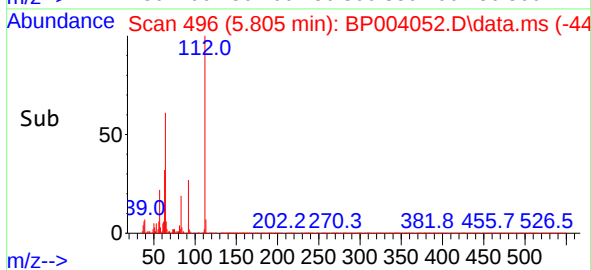
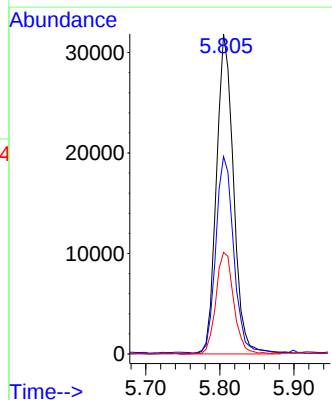
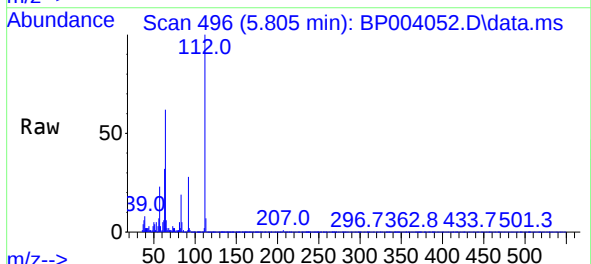
Instrument :
BNA_P
ClientSampleId :
BG-SED-1-RE

Tgt Ion:152 Resp: 132175
Ion Ratio Lower Upper
152 100
150 154.3 123.8 185.6
115 60.6 43.8 65.6



#5
2-Fluorophenol
Concen: 6.43 ng
RT: 5.805 min Scan# 496
Delta R.T. -0.006 min
Lab File: BP004052.D
Acq: 21 Nov 2020 23:12

Tgt Ion:112 Resp: 50951
Ion Ratio Lower Upper
112 100
64 61.7 32.8 49.2#
63 31.7 17.0 25.4#

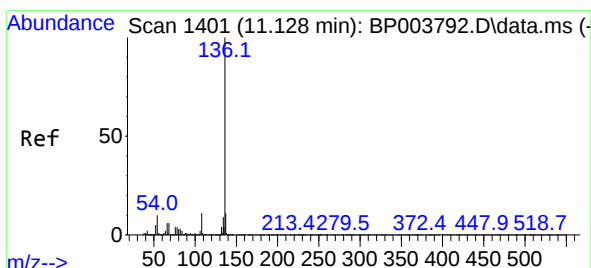
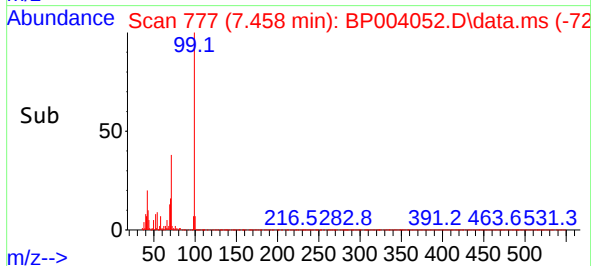
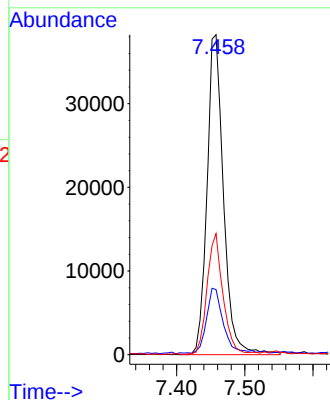
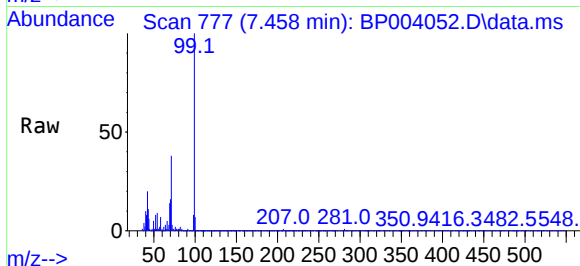




#7
Phenol-d6
Concen: 5.66 ng
RT: 7.458 min Scan# 777
Delta R.T. 0.000 min
Lab File: BP004052.D
Acq: 21 Nov 2020 23:12

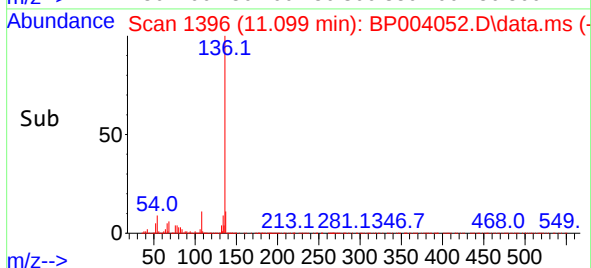
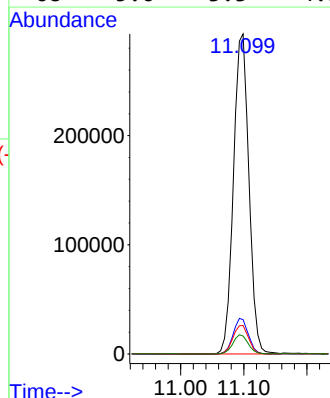
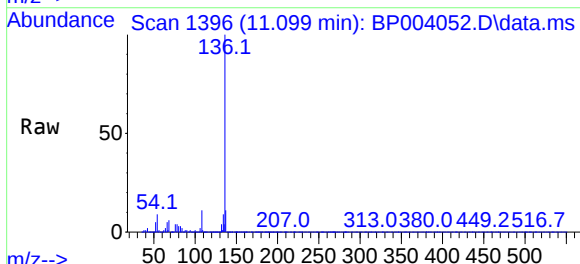
Instrument :
BNA_P
ClientSampleId :
BG-SED-1-RE

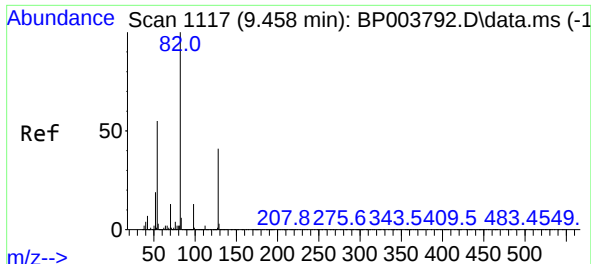
Tgt Ion:	99	Resp:	64399
Ion	Ratio	Lower	Upper
99	100		
42	20.3	8.6	13.0#
71	37.9	23.4	35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.099 min Scan# 1396
Delta R.T. -0.029 min
Lab File: BP004052.D
Acq: 21 Nov 2020 23:12

Tgt Ion:	136	Resp:	497179
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.9	3.6	5.4#
68	5.6	3.3	4.9#

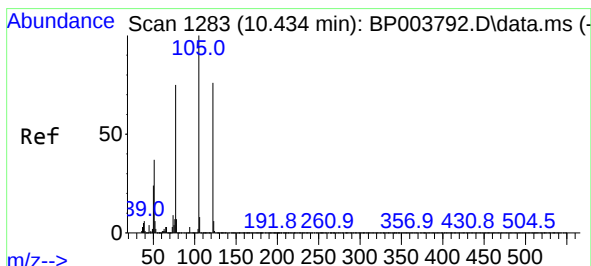
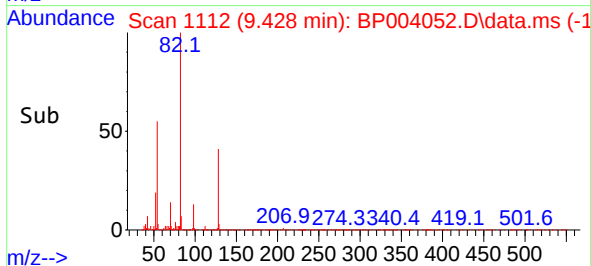
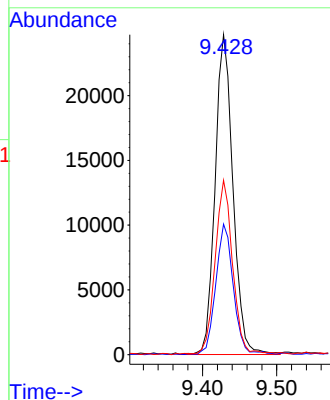
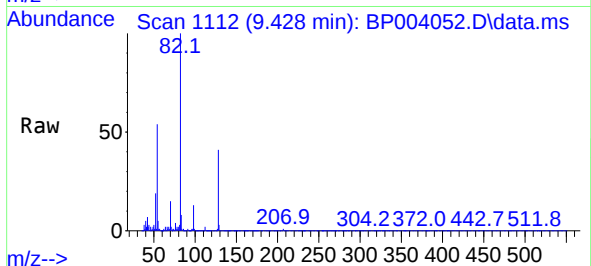




#23
Nitrobenzene-d5
Concen: 4.08 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.029 min
Lab File: BP004052.D
Acq: 21 Nov 2020 23:12

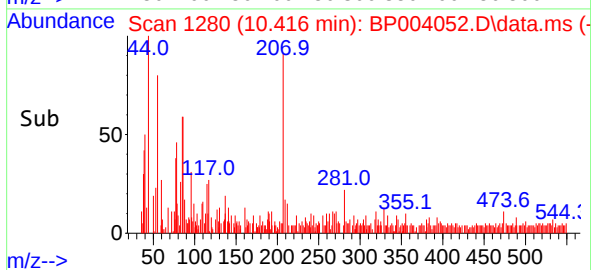
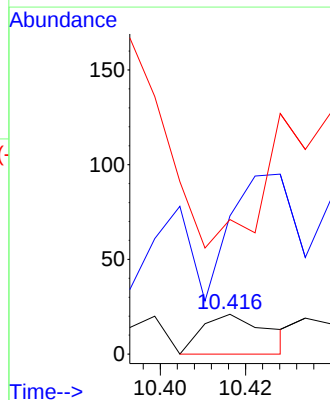
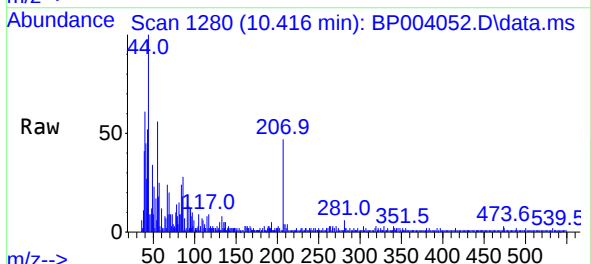
Instrument :
BNA_P
ClientSampleId :
BG-SED-1-RE

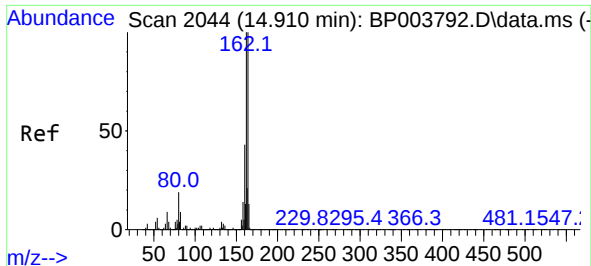
Tgt Ion: 82 Resp: 41370
Ion Ratio Lower Upper
82 100
128 40.8 45.6 68.4#
54 54.5 30.1 45.1#



#32
Benzoic acid
Concen: 8.31 ng
RT: 10.416 min Scan# 1280
Delta R.T. -0.018 min
Lab File: BP004052.D
Acq: 21 Nov 2020 23:12

Tgt Ion: 122 Resp: 23
Ion Ratio Lower Upper
122 100
105 347.6 94.1 134.1#
77 338.1 50.1 90.1#

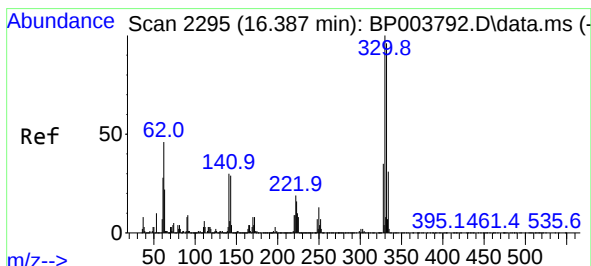
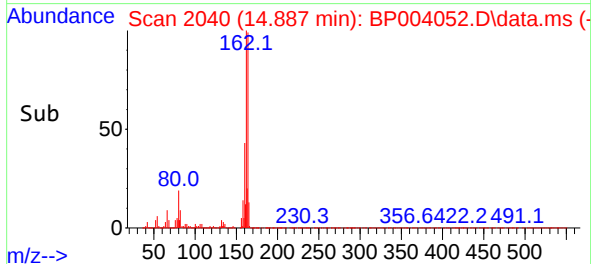
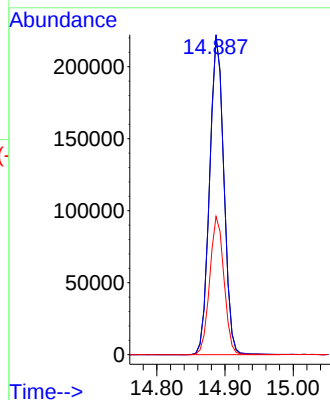
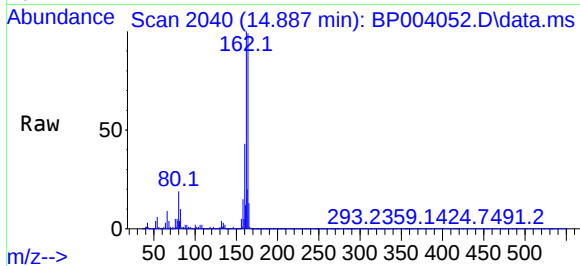




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.887 min Scan# 2040
Delta R.T. -0.024 min
Lab File: BP004052.D
Acq: 21 Nov 2020 23:12

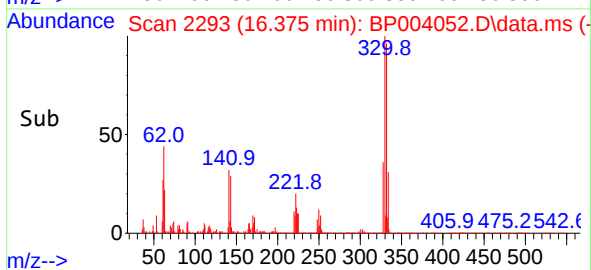
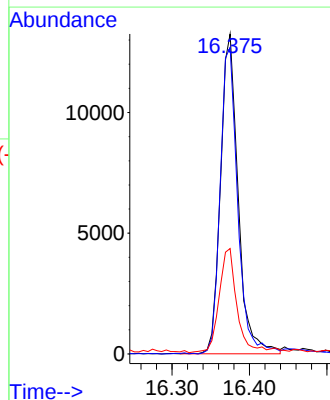
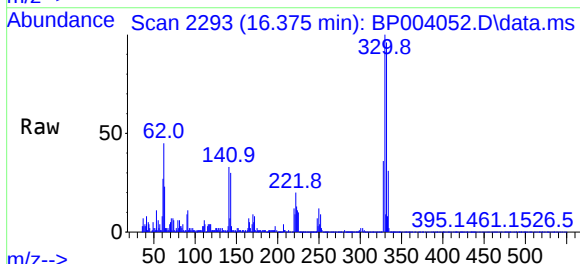
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ClientSampleId :
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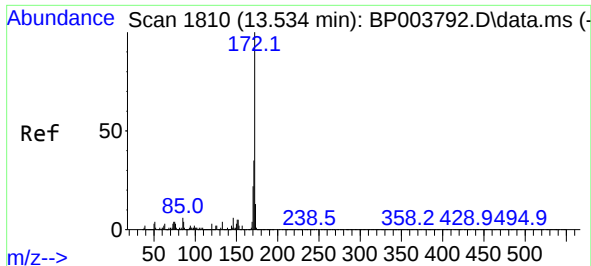
Tgt Ion:164 Resp: 322403
Ion Ratio Lower Upper
164 100
162 100.8 79.4 119.2
160 43.5 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 5.17 ng
RT: 16.375 min Scan# 2293
Delta R.T. -0.012 min
Lab File: BP004052.D
Acq: 21 Nov 2020 23:12

Tgt Ion:330 Resp: 20853
Ion Ratio Lower Upper
330 100
332 95.5 77.1 115.7
141 33.7 23.4 35.2

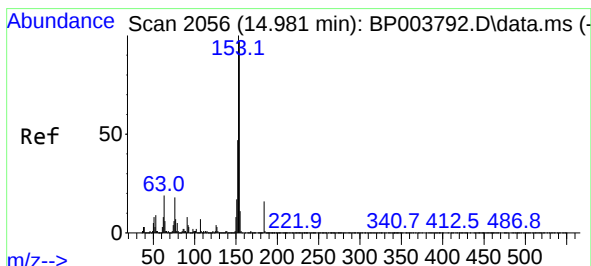
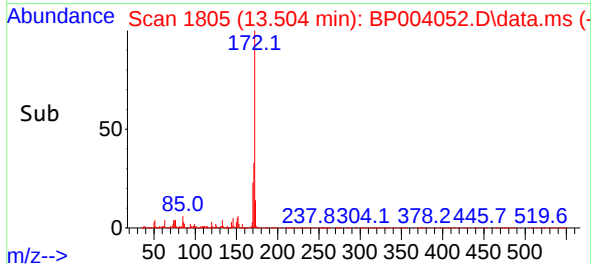
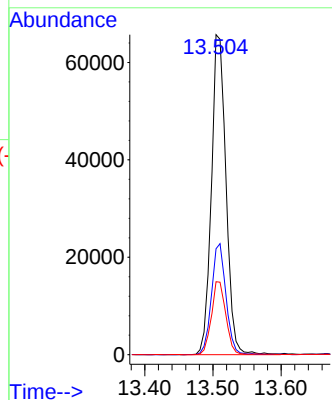
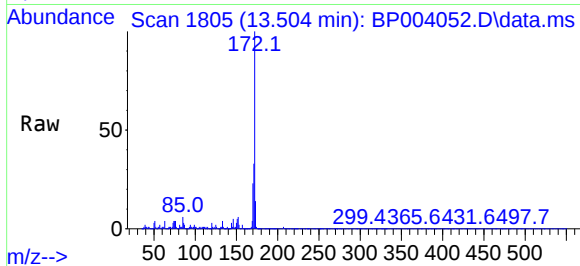




#45
2-Fluorobiphenyl
Concen: 4.26 ng
RT: 13.504 min Scan# 1805
Delta R.T. -0.029 min
Lab File: BP004052.D
Acq: 21 Nov 2020 23:12

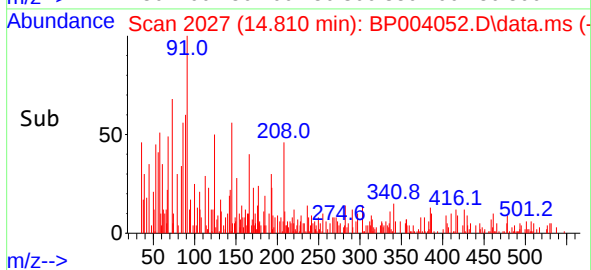
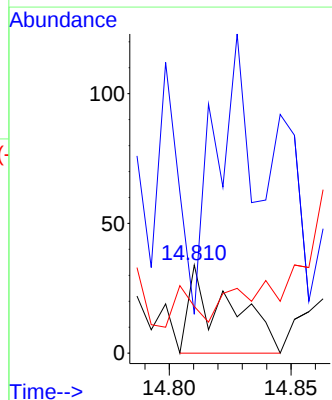
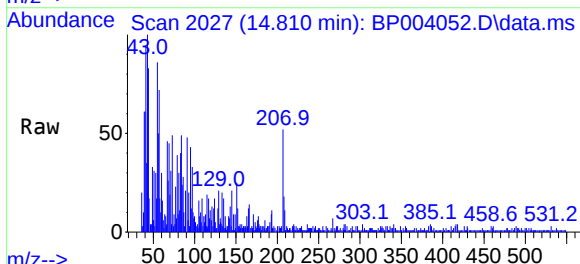
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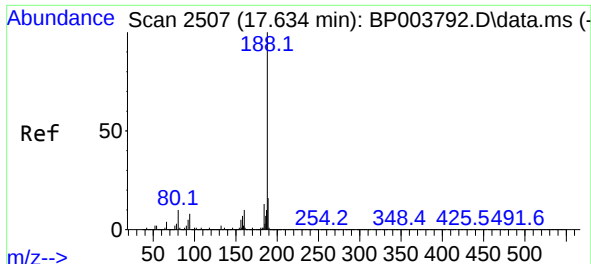
Tgt Ion:	172	Resp:	98148
Ion Ratio	Lower	Upper	
172	100		
171	33.1	28.5	42.7
170	22.8	19.2	28.8



#54
2,4-Dinitrophenol
Concen: 2.75 ng
RT: 14.810 min Scan# 2027
Delta R.T. -0.171 min
Lab File: BP004052.D
Acq: 21 Nov 2020 23:12

Tgt Ion:	184	Resp:	40
Ion Ratio	Lower	Upper	
184	100		
63	44.1	32.3	48.5
154	52.9	49.1	73.7

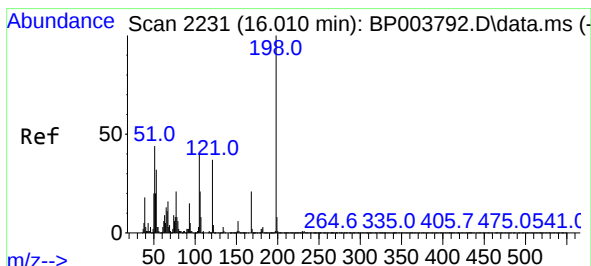
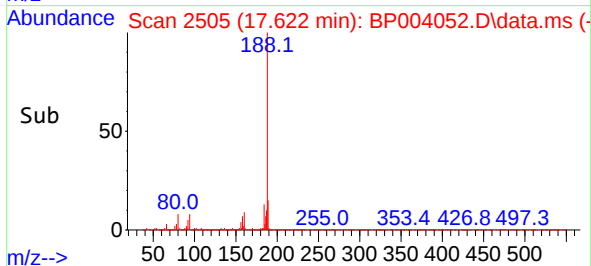
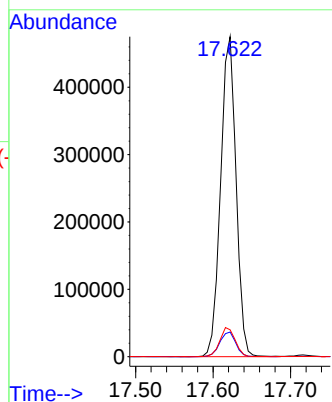
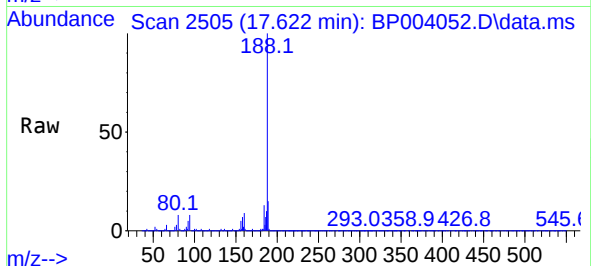




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. -0.012 min
Lab File: BP004052.D
Acq: 21 Nov 2020 23:12

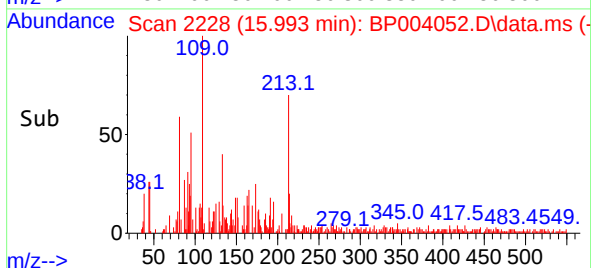
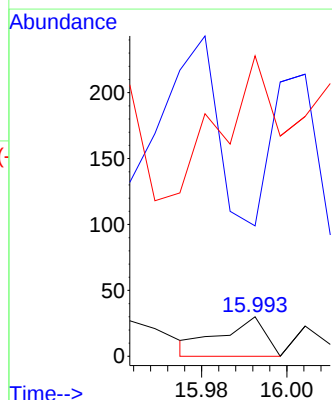
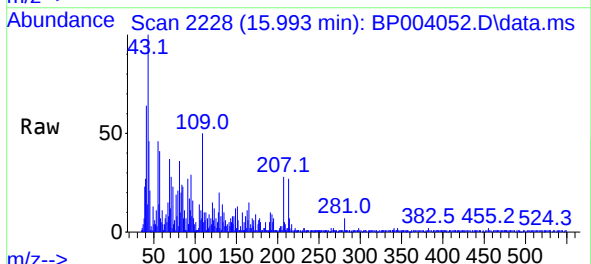
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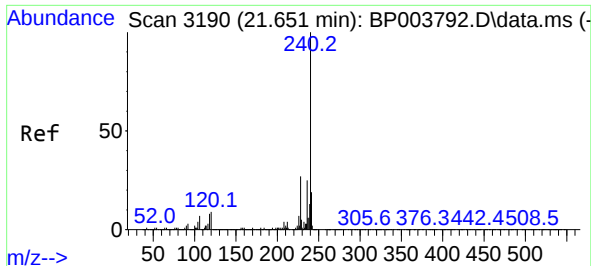
Tgt Ion:188 Resp: 658982
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.2
80 8.4 6.2 9.2



#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 15.993 min Scan# 2228
Delta R.T. -0.018 min
Lab File: BP004052.D
Acq: 21 Nov 2020 23:12

Tgt Ion:198 Resp: 22
Ion Ratio Lower Upper
198 100
51 330.0 6.4 46.4#
105 760.0 18.9 58.9#

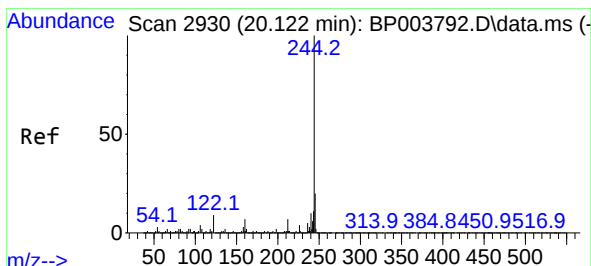
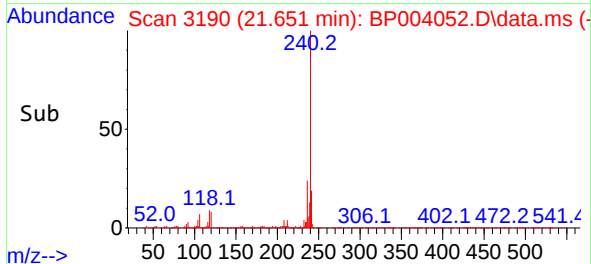
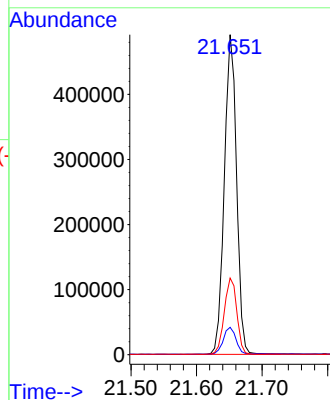
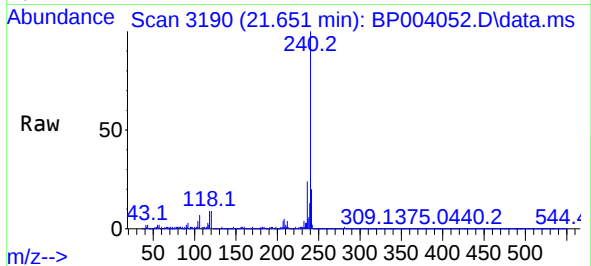




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.651 min Scan# 3190
Delta R.T. 0.000 min
Lab File: BP004052.D
Acq: 21 Nov 2020 23:12

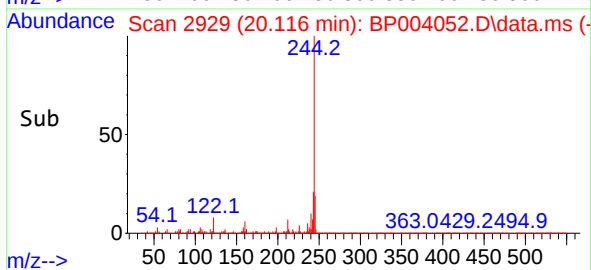
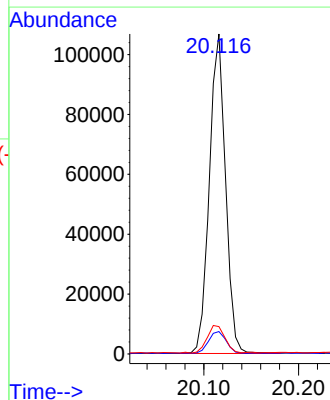
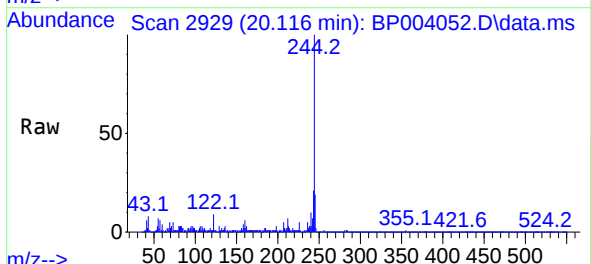
Instrument :
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BG-SED-1-RE

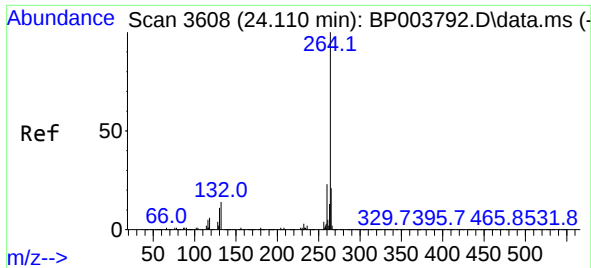
Tgt Ion:240 Resp: 633036
Ion Ratio Lower Upper
240 100
120 8.6 7.8 11.6
236 24.0 20.8 31.2



#79
Terphenyl-d14
Concen: 3.85 ng
RT: 20.116 min Scan# 2929
Delta R.T. -0.006 min
Lab File: BP004052.D
Acq: 21 Nov 2020 23:12

Tgt Ion:244 Resp: 126061
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 8.5 7.8 11.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.122 min Scan# 3610
 Delta R.T. 0.012 min
 Lab File: BP004052.D
 Acq: 21 Nov 2020 23:12

Instrument :
 BNA_P
 ClientSampleId :
 BG-SED-1-RE

Tgt Ion:264 Resp: 712316

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.8	28.2
265	21.5	17.4	26.2

